

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

ATTY DOCKET NO.
O2 Micro 00

SERIAL NO.
09/757,265

APPLICANT(S)
Lin et al.

FILING DATE
January 9, 2001

GROUP
2661

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
TDC	4,794,506	12/27/88	HINO ET AL.	363	25	
D.C.	4,535,399	8/13/85	SZEPESI	363	41	
TDC	4,814,962	3/21/89	MAGALHAES ET AL.	363	16	
TDC	4,855,888	8/8/89	HENZE ET AL.	363	17	
TDC	4,864,483	9/5/89	DIVAN	363	37	
TDC	4,953,068	8/28/90	HENZE	363	17	
TDC	4,912,622	3/27/90	STEIGERWALD ET AL.	363	98	
TDC	4,833,584	5/23/89	DIVAN	363	37	
TDC	4,860,189	8/22/89	HITCHCOCK	363	132	
TDC	4,992,919	2/12/91	LEE ET AL.	363	17	
TDC	4,672,528	6/9/87	PARK ET AL.	363	98	

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO
					TDC 2600	RECEIVED
					APR 12 2001	
					MAILROOM	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

TDC	"An Introduction to the Principles and Features of Resonant Power Conversion", Steve Freeland, from <i>Recent Developments in Resonant Power Conversion</i> , Intertec Communications, Inc., 1998, pgs. 20-43.
TDC	"Zero-Voltage Switching Technique in DC/DC Converters", Kwang-Hwa Lie and Fred C. Lee, from <i>Recent Developments in Resonant Power Conversion</i> , Intertec Communications, Inc., 1988, pgs. 211-223.

EXAMINER *Freeland* DATE CONSIDERED *6/26/02*

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U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
TDC		5,742,496	4/21/98	TSUTSUMI	363	95	
TDC		5,384,516	1/24/95	KAWABATA ET AL.	315	160	
TDC		5,027,264	6/25/91	DEDONCKER ET AL.	363	16	
TDC		5,027,263	6/25/91	HARADA ET AL.	363	16	
TDC		5,017,800	5/21/91	DIVAN	307	66	
TDC		5,886,477	3/23/99	HONBO ET AL.	315	209 PZ	
TDC		5,363,020	11/8/94	CHEN ET AL.	315	209 R	
TDC		5,448,155	9/5/95	JUTRAS	323	285	
TDC		5,402,329	3/28/95	WITTENBREDER, JR.	363	16	
TDC		5,305,191	4/19/94	LOFTUS, JR.	363	17	
TDC		5,781,418	7/14/98	CHANG ET AL.	363	16	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
						600 MAILROOM	RECEIVED APR 12 2001
OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>							
TDC		"Phase Shifted, Zero Voltage Transition Design Considerations and the UC3875 PWM Controller, by Bill Andreycak, Unitrode, Application Note, May 1997, pgs. 1-14."					
TDC		"Fixed-Frequency, Resonant-Switched Pulse Width Modulation with Phase-Shifted Control", by Bob Mammano and Jeff Putsch, from <i>Power Supply Design Seminar</i> , Unitrode, 1991, pgs. 5-1 to 5-7.					
EXAMINER	<i>Grandine</i>			DATE CONSIDERED	6/26/02		

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U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
TDC		5,430,641	7/4/95	KATES	363	133	
TDC		5,268,830	12/7/93	LOFTUS, JR.	363	17	
TDC		5,818,172	10/6/98	LEE	315	86	
TDC		5,669,238	9/23/97	DEVERS	62	657	
TDC		5,834,889	11/10/98	GE	313	493	
TDC		5,684,683	11/4/97	DIVAN ET AL.	33	65	
TDC		5,646,836	7/8/97	SADARNAC ET AL.	363	98	
TDC		5,715,155	2/3/98	SHAHANI ET AL.	363	132	
TDC		5,748,457	5/5/98	POON ET AL.	363	16	
TDC		5,510,974	4/23/96	GU ET AL.	363	134	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES
							NO
OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>							
TDC		"Zero Voltage Switching Resonant Power Conversion", by Bill Andreyak, from <i>Power Supply Design Seminar</i> , Unitrode, 1991, pgs. A2-1 to A2-24; and A2-1A to A2-3A.					
TDC		"Resonant Mode Converter Topologies", by Bob Mammano, from <i>Power Supply Design Seminar</i> , Unitrode, 1991, pgs. P3-1 to P3-12.					
EXAMINER	<i>Paula Duct 00</i>			DATE CONSIDERED	<i>6/26/02</i>		
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U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
TDC	5,559,688	9/24/96	PRINGLE	363	89		
TDC	5,894,412	4/13/99	FAULK	363	56		
APR 10 2001 TDC	5,231,563	7/27/93	JITARU	363	98		
APR 10 2001 TDC	5,917,722	6/29/99	SINGH	363	132		
APR 10 2001 TDC	5,638,260	6/10/97	BEES	363	17		
APR 10 2001 TDC	5,946,200	8/31/99	KIM ET AL.	363	17		
APR 10 2001 TDC	5,448,467	9/5/95	FERREIRA	363	17		
TDC	5,880,940	3/9/99	POON	363	20		
TDC	5,856,916	1/5/99	BONNET	363	20		
TDC	5,796,598	8/18/98	NOWAK ET AL.	363	37		
TDC	5,736,842	4/7/98	JOVANOVIC	323	222		
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
						TC 2600 MAILROOM	RECEIVED APR 12 2001
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
TDC		"The New UC3879 Phase-Shifted PWM Controller Simplifies the Design of Zero Voltage Transition Full-Bridge Converters", by Laszlo Balogh, Unitrode, Application Note, 1995, pgs. 1-8.					
TDC		"A Comparative Study of a Class of Full Bridge Zero-Voltage-Switched PWM Converters", by W. Chen et al., 1995 IEEE, pgs. 893-899.					
EXAMINER	<i>Stan Dulek Jr</i>			DATE CONSIDERED	6/26/02		

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			APPLICANT(S) Lin et al.		FILING DATE January 9, 2001		GROUP 2661
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
TDC		5,900,700	5/4/99	ARNDT ET AL.	315	291	
TDC		5,394,064	2/28/95	RANGANATH ET AL.	315	209	
TDC		5,583,402	12/10/96	MOISIN ET AL.	315	307	
TDC		5,742,495	4/21/98	BARONE	363	65	
TDC		5,514,921	5/7/96	STEIGERWALD	307	125	
TDC		5,546,300	8/13/96	LEE ET AL.	363	132	
TDC		5,854,617	12/29/98	LEE ET AL.	345	102	
TDC		5,731,652	3/24/98	SHIMADA	310	316	
TDC		5,420,779	5/30/95	PAYNE	363	56	
TDC		5,784,266	7/21/98	CHEN	363	16	
TDC		5,105,127	4/14/92	LAVAUD ET AL.	315	291	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
TDC		"Optimum ZVS Full-Bridge DC/DC Converter with PWM Phase-Shift Control; Analysis, Design Considerations, and Experimental Results", by Richard Red I et al., 1994 IEEE, pgs. 159-165.					
TDC		"A Frequency/PWM Controlled Converter with Two Independently Regulated Outputs", by R.A. Fisher et al., HFPC, May 1989, pgs. 459-471.					
EXAMINER					DATE CONSIDERED	6/26/02	

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U.S. PATENT DOCUMENTS							
EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
TDC	5,235,501	8/10/93	STUART ET AL.	363	17		
TDC	5,291,382	3/1/94	COHEN	363	16		
TDC	5,412,557	5/2/95	LAUW	363	37		
TDC	5,774,346	6/30/98	POON ET AL.	363	17		
TDC	5,764,494	6/9/98	SCHUTTEN ET AL.	363	17		
TDC	5,932,976	8/3/99	MAHESHWARI ET AL.	315	291		
TDC	5,886,884	3/23/99	BAEK ET AL.	363	48		
TDC	5,157,592	10/20/92	WALTERS	363	17		
TDC	5,744,915	4/28/98	NILSSSEN	315	209 R		
TDC	5,719,474	2/17/98	VITELLO	315	307		
TDC	5,910,709	6/8/99	STEVANOVIC ET AL.	315	225		
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
						TDC 2600 APR 12 2001 MAIL ROOM RECEIVED	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
TDC		"High Density Power-Hybrid Design of a Half-Bridge Multi-Resonant Converter", by Richard Farrington, et al., HFPC-Virginia Polytechnic Institute, May 1990, pgs. 26-33.					
TDC		"Small-Signal Analysis of the Zero-Voltage Switched Full-Bridge PWM Converter", V. Vlatkovic et al., HFPC-Virginia Polytechnic Institute, May 1990, pgs. 262-272.					
EXAMINER	<i>Ernesto J. Diaz</i>		DATE CONSIDERED	6/26/02			

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EXAMINER INITIAL T.D.C.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,619,402	4/8/97	LIU	363	20	
T.D.C.	5,844,540	12/1/98	TERASAKI	345	102	
T.D.C.	5,694,007	12/2/97	CHEN	315	247	
T.D.C.	5,712,533	1/27/98	CORTI	315	169.3	
T.D.C.	5,615,093	3/25/97	NALBANT	363	25	
T.D.C.	5,930,121	7/27/99	HENRY	363	16	
T.D.C.	5,923,129	7/13/99	HENRY	315	307	
T.D.C.	5,422,546	6/6/95	NILSSEN	315	219	
T.D.C.	5,939,830	8/17/99	PRAISWATER	315	DIG. 4	
T.D.C.	5,481,160	1/2/96	NILSSEN	315	209 R	
T.D.C.	5,285,372	2/8/94	HYUNH ET AL.	363	132	
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						
T.D.C.		"Feasible Characteristic Evaluations of Resonant Tank PWM Inverter-Linked DC-DC High-Power Converters for Medical-Use High-Voltage Application", by H. Takano et al., 1995 IEEE, pgs. 913-919.				
EXAMINER <i>Leem Duck</i>		DATE CONSIDERED	e/26/02			

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APR 11 2001			ATTY DOCKET NO. O2 Micro 006		SERIAL NO. 09/757,265	
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U.S. PATENT DOCUMENTS						
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TDC	5,875,103	2/23/99	BHAGWAT ET AL.	363	17	
TDC	5,781,419	7/14/98	KUTKUT ET AL.	363	17	
TDC	5,559,395	9/24/96	VENKITASUBRAHMANIAN	315	247	
TDC	5,844,378	12/1/98	LOCASCIO ET AL.	315	307	
TDC	4,464,606	8/7/84	KANE	315	158	
TDC	6,011,360	1/4/00	GRADZKI ET AL.	315	244	
TDC	6,114,814	9/5/00	SHANNON ET AL.	315	219	
FOREIGN PATENT DOCUMENTS						
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			TC 2600 MAIL ROOM RECEIVED APR 12 2001			
EXAMINER	<i>Franklin et al.</i>		DATE CONSIDERED	<i>6/26/02</i>		

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